Project Title	Funding	Strategic Plan Objective	Institution
Monoallelic expression in neurons derived from induced pluripotent stem cells	$414,150	Q2.Other	ALBERT EINSTEIN COLLEGE OF MEDICINE
Dysregulation of mTOR Signaling in Fragile X Syndrome	$487,251	Q2.S.D	ALBERT EINSTEIN COLLEGE OF MEDICINE
Transition to Medication Self-Management for Youth with ASD & Co-Occurring ADHD	$223,983	Q5.L.D	AMERICAN ACADEMY OF PEDIATRICS
Enabling use of blood spot cards for accurate high throughput Fragile X screening	$1,011,519	Q1.S.A	ASURAGEN, INC.
Evaluating Plasma and Urine Porphyrins as Biomarkers of ASD	$251,038	Q1.L.A	BATTELLE CENTERS/PUB HLTH RES & EVALUATN
THE GENETIC AND NEUROANATOMICAL ORIGIN OF SOCIAL BEHAVIOR	$100,657	Q2.S.B	BAYLOR COLLEGE OF MEDICINE
Mechanisms and Rescue of Neural Circuit Dysfunction in Mecp2 Mutant Mice	$92,578	Q2.S.D	BAYLOR COLLEGE OF MEDICINE
HIGH THROUGHPUT SEQUENCING OF AUTISM SPECTRUM DISORDER (ASD) ENDOPHENOTYPES	$39,876	Q2.S.G	BAYLOR COLLEGE OF MEDICINE
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	$601,636	Q3.S.J	BAYLOR COLLEGE OF MEDICINE
THE GENETIC AND NEUROANATOMICAL ORIGIN OF SOCIAL BEHAVIOR	$391,250	Q4.S.B	BAYLOR COLLEGE OF MEDICINE
Cortical Plasticity in Autism Spectrum Disorders	$443,702	Q2.Other	BETH ISRAEL DEACONESS MEDICAL CENTER
Neurobiological Mechanism of 15q11-13 Duplication Autism Spectrum Disorder	$376,818	Q2.S.D	BETH ISRAEL DEACONESS MEDICAL CENTER
Neurobiology of Aggression Co-morbidity in Mouse Model of Idic15 Autism	$217,500	Q2.S.E	BETH ISRAEL DEACONESS MEDICAL CENTER
Sex and age differences in the regulation of social recognition	$469,500	Q2.S.B	BOSTON COLLEGE
Sex-specific regulation of social play	$320,770	Q2.S.B	BOSTON COLLEGE
Neonatal Biomarkers in Extremely Preterm Babies Predict Childhood Brain Disorders	$2,857,573	Q3.S.H	BOSTON MEDICAL CENTER
Early identification and service linkage for urban children with autism	$982,149	Q1.S.C	Boston University
Organization of Excitatory and Inhibitory Circuits in ASD	$395,236	Q2.Other	Boston University
Artifacts as Windows to Other Minds: Social Reasoning In Typical and ASD Children	$53,282	Q2.Other	Boston University
Mechanisms underlying word learning in children with ASD: Non-social learning and	$171,433	Q2.Other	Boston University
Inter-regional connectivity in the speech network of minimally verbal children	$379,502	Q4.S.G	Boston University
Research, training and education	$60,472	Q7.K	Boston University
Administration and Data Management	$305,929	Q7.Other	Boston University
Elucidating the Function of Class 4 Semaphorins in GABAergic Synapse Formation	$333,553	Q2.Other	BRANDEIS UNIVERSITY

Project Title	Funding	Strategic Plan Objective	Institution
Semaphorin4D and PlexinB1 mediate GABAergic synapse development in mammalian CNS	$14,920	Q2.Other	BRANDEIS UNIVERSITY
2/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	$415,893	Q3.S.A	BROAD INSTITUTE, INC.
Genetic-imaging study of obsessive compulsive behavior in autism	$395,918	Q2.Other	BROWN UNIVERSITY
Development of vision and attention in typical and ASD individuals	$301,210	Q2.S.G	BROWN UNIVERSITY
Mechanisms of circuit failure and treatments in patient-derived neurons in autism	$406,250	Q4.S.B	BROWN UNIVERSITY
The Computational Basis of Theory of Mind in the Human Brain	$130,695	Q2.Other	CALIFORNIA INSTITUTE OF TECHNOLOGY
Investigating the Gut Microbiome for Novel Therapies and Diagnostics for Autism	$558,136	Q3.S.I	CALIFORNIA INSTITUTE OF TECHNOLOGY
Intelligent Data Capture and Assessment Technology for Developmental Disabilities	$872,034	Q1.S.B	CARING TECHNOLOGIES, INC.
Preclinical evaluation of NMDA receptor antagonists for treating Rett Syndrome	$396,250	Q4.S.B	CASE WESTERN RESERVE UNIVERSITY
Early Biomarkers of Autism Spectrum Disorders in infants with Tuberous Sclerosis	$3,463,622	Q1.L.A	CHILDREN'S HOSPITAL CORPORATION
Electrophysiological Response to Executive Control Training in Autism	$248,969	Q2.Other	CHILDREN'S HOSPITAL CORPORATION
MRI Biomarkers of Patients with Tuberous Sclerosis Complex and Autism	$716,468	Q2.S.D	CHILDREN'S HOSPITAL CORPORATION
Mechanisms Underlying the Cerebellar Contribution to Autism in Mouse Models of Tu	$190,458	Q2.S.D	CHILDREN'S HOSPITAL CORPORATION
DEVELOPMENTAL SYNAPTOPATIES ASSOCIATED WITH TSC, PTEN AND SHANK3 MUTATIONS	$310,086	Q2.S.G	CHILDREN'S HOSPITAL CORPORATION
Autism genetics: homozygosity mapping and functional validation	$765,736	Q3.L.B	CHILDREN'S HOSPITAL CORPORATION
Mechanisms of Autonomic Brainstem Development	$243,000	Q2.Other	Children's Hospital Los Angeles
Function and Structure Adaptations in Forebrain Development	$662,342	Q2.Other	Children's Hospital Los Angeles
Functional connectivity in autism spectrum disorders	$209,375	Q2.Other	Children's Hospital of Philadelphia
Electrophysiological Signatures of Language Impairment in Autism Spectrum Disord	$318,332	Q2.Other	Children's Hospital of Philadelphia
Structural and Functional Neuroimaging of the Auditory System in Autism	$157,982	Q2.Other	Children's Hospital of Philadelphia
Phenotypic Characterization of MECP2 Mice	$66,830	Q2.S.D	Children's Hospital of Philadelphia
The Neural Bases of Top-Down Attentional Control in Autism Spectrum Disorders	$14,160	Q2.Other	CITY COLLEGE OF NEW YORK

Project Title	Funding	Strategic Plan Objective	Institution
New Models For Astrocyte Function in Genetic Mouse Models of Autism Spectrum Diso	$396,250	Q2.S.D	CLEVELAND CLINIC LERNER COM-CWRU
Cell adhesion molecules in autism: a whole-brain study of genetic mouse models	$47,900	Q2.Other	COLD SPRING HARBOR LABORATORY
Cell adhesion molecules in autism: a whole-brain study of genetic mouse models	$467,000	Q2.Other	COLD SPRING HARBOR LABORATORY
CHD5 dosage in epigenetic control of Cancer, Infertility, and Autism	$283,500	Q3.S.J	COLD SPRING HARBOR LABORATORY
Infection, fever and immune signatures in an autism birth cohort	$788,507	Q2.S.A	Columbia University
Mitochondrial dysfunction due to aberrant mTOR-regulated mitophagy in autism	$183,568	Q2.S.A	Columbia University
Phagocytosis is misregulated in a Drosophila model of Fragile X syndrome	$27,349	Q2.S.D	Columbia University
Novel Statistical methods for DNA Sequencing Data, and applications to Autism.	$318,575	Q3.L.B	Columbia University
Prenatal factors and risk of autism in a Finnish national birth cohort	$579,293	Q3.S.H	Columbia University
The Spread of Autism Diagnosis through Spatially Embedded Social Networks	$211,635	Q7.I	Columbia University
Assessment of glutamate delta-1 receptor in mental disorders	$181,875	Q2.Other	CREIGHTON UNIVERSITY
Supporting Teens with Autism on Relationships	$58,948	Q6.L.A	DANYA INTERNATIONAL, INC.
The Impact of Pten Signaling on Neuronal Form and Function	$405,000	Q2.Other	DARTMOUTH COLLEGE
Early Detection of Autism Spectrum Disorder	$668,397	Q1.S.B	DREXEL UNIVERSITY
Presynaptic Fragile X Proteins	$249,000	Q2.S.D	DREXEL UNIVERSITY
Early life vitamin D levels and risk of autism spectrum disorders	$174,243	Q3.S.H	DREXEL UNIVERSITY
Analysis of Shank3 Complete and Temporal and Spatial Specific Knockout Mice	$425,202	Q2.Other	Duke University
Networked Cortical Responses to Movement Associated with ASD	$372,970	Q2.Other	Duke University
Neuronal Basis of Vicarious Reinforcement Dysfunction in Autism Spectrum Disorder	$309,761	Q2.Other	Duke University
The Striatal Circuitry Underlying Autistic-Like Behaviors	$32,419	Q2.Other	Duke University
Animal Model of Genetics and Social Behavior in Autism Spectrum Disorders	$673,494	Q2.S.G	Duke University
A novel neural circuit analysis paradigm to model autism in mice	$196,667	Q4.S.B	Duke University

Project Title	Funding	Strategic Plan Objective	Institution
Verbal/non-verbal asynchrony in adolescents with high-functioning Autism	$381,620	Q2.Other	EMERSON COLLEGE
The ontogeny of social vocal engagement and its derailment in autism	$157,315	Q1.L.A	Emory University
Toward Outcome Measurement of Anxiety in Youth with Autism Spectrum Disorders	$612,963	Q1.L.B	Emory University
Predicting risk and resilience in ASD through social visual engagement	$210,158	Q2.L.B	Emory University
Ontogeny and neural basis of social visual engagement in monkeys	$312,009	Q2.Other	Emory University
Modulation of RhoA Signaling by the mRNA Binding Protein hnRNPQ1	$31,356	Q2.Other	Emory University
Imaging of protein synthesis and ubiquitination in fragile x syndrome	$234,000	Q2.S.D	Emory University
Targeting the PI3K Enhancer PIKE to Reverse FXS-associated Phenotypes	$206,000	Q2.S.D	Emory University
Tet-mediated Epigenetic Modulation in Autism	$684,145	Q2.S.D	Emory University
Genetic Modifiers of Seizure Disorders in Fragile X Syndrome	$261,539	Q2.S.D	Emory University
Changing developmental trajectories through early treatment	$652,271	Q4.L.D	Emory University
The Effects of Intranasal Oxytocin on Social Cognition and Neural Activity	$401,068	Q4.S.A	Emory University
A NOVEL TRANSLATIONAL MODEL OF AUTISUM SPECTRUM DISORDER	$223,125	Q4.S.B	Emory University
Oxytocin Receptors and Social Behavior	$440,363	Q4.S.B	Emory University
Characterization of the Schizophrenia-associated 3q29 Deletion in Mouse	$477,402	Q4.S.B	Emory University
1/5-Randomized Trial of Parent Training for Young Children with Autism	$242,475	Q4.S.D	Emory University
Research training and education core	$57,944	Q7.K	Emory University
Clinical Assessment Core	$248,206	Q7.Other	Emory University
Data management and analysis core	$53,982	Q7.Other	Emory University
Therapy Management Software for Naturalistic Model-Based Behavioral Interventions	$341,576	Q4.S.C	EXPERIAD, LLC
Intersensory Perception of Social Events: Typical and Atypical Development	$134,355	Q1.L.C	FLORIDA INTERNATIONAL UNIVERSITY
Smart Early Screening for Autism and Communication Disorders in Primary Care	$510,505	Q1.S.B	Florida State University
Mobilizing Community Systems to Engage Families in Early ASD Detection & Services	$2,458,680	Q1.S.C	Florida State University

Project Title	Funding	Strategic Plan Objective	Institution
Molecular mechanisms of electrical synapse formation in vivo	$90,000	Q2.Other	FRED HUTCHINSON CANCER RESEARCH CENTER
Neural basis of working memory and inhibitory control in ASD Children using NIRS	$29,976	Q2.Other	GEORGETOWN UNIVERSITY
Are endocrine disrupting compounds environmental risk factors for autism?	$237,750	Q3.S.J	GEORGE WASHINGTON UNIVERSITY
The Development of Auditory Joint Engagement	$307,100	Q1.L.C	GEORGIA STATE UNIVERSITY
2014 Membrane Transport Proteins Gordon Research Conference	$20,000	Q7.K	GORDON RESEARCH CONFERENCES
2014 Cell Biology of the Neuron Gordon Research Conference	$20,000	Q7.K	GORDON RESEARCH CONFERENCES
2014 Gordon Conference/Seminar on Fragile X & Autism-Related Disorders: Advances in human therapy	$11,000	Q7.K	GORDON RESEARCH CONFERENCES
Maximizing Biospecimen Collection from Children with Mental Health Conditions	$1	Q2.S.C	GROUP HEALTH COOPERATIVE
The Social Brain in Schizophrenia and Autism Spectrum Disorders	$523,573	Q2.Other	HARTFORD HOSPITAL
Neurotrophic Factor Regulation of Gene Expression	$615,631	Q2.S.D	HARVARD MEDICAL SCHOOL
Activity-dependent phosphorylation of MeCP2	$177,055	Q2.S.D	HARVARD MEDICAL SCHOOL
A Novel Essential Gene for Human Cognitive Function	$35,030	Q2.S.D	HARVARD MEDICAL SCHOOL
Autism: Social and Communication Predictors in Siblings	$675,162	Q1.L.A	HUGO W. MOSER RESEARCH INSTITUTE KENNEDY KRIEGER
EEG-Based Assessment of Functional Connectivity in Autism	$175,176	Q2.Other	HUGO W. MOSER RESEARCH INSTITUTE KENNEDY KRIEGER
Serotonin Receptor Subtypes as Pharmacotherapeutic Targets in Autism	$165,000	Q4.Other	HUSSMAN INSTITUTE FOR AUTISM, INC.
Molecular control of prefrontal cortical circuitry in autism	$254,250	Q2.Other	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Neural Basis of Behavioral Flexibility	$356,612	Q2.Other	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Population-Based Autism Genetics & Environment Study	$655,813	Q3.L.D	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Multigenerational FamIlial and Environmental Risk for Autism (MINERvA) Network	$971,085	Q3.L.D	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
1/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	$720,372	Q3.S.A	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
GABA Epigenomes in Autism	$215,389	Q3.S.J	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Piloting Treatment with Insulin-Like Growth Factor-1 in Phelan-McDermid Syndrome	$289,286	Q4.L.A	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Neural Effects of Sustained Oxytocin Treatment in Children with Autism	$243,424	Q4.L.A	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Prefrontal function in the Shank3-deficient rat: A first rat model for ASD	$544,401	Q4.S.B	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

Project Title	Funding	Strategic Plan Objective	Institution
Identifying therapeutic targets for autism using Shank3-deficient mice	$486,501	Q4.S.B	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
Casein Kinase 1 Inhibitors for Treatment of Autism	$349,610	Q4.S.B	INTRA-CELLULAR THERAPIES, INC.
ASD Parent Trainer: Online coaching for parents of children with autism (APT)	$149,992	Q5.L.C	IRIS MEDIA, INC.
Reducing Diversity at the Gamma Protocadherin Locus by CRISPR Targeting	$275,342	Q2.Other	JACKSON LABORATORY
Dysfunction of Sensory Inhibition in Autism	$202,145	Q2.Other	Johns Hopkins University
HIGH THROUGHPUT SCREEN FOR SMALL MOLECULE PROBES FOR NEURAL NETWORK DEVELOPMENT	$405,000	Q2.Other	Johns Hopkins University
Investigating Brain Connectivity in Autism at the Whole-Brain Level	$232,967	Q2.Other	Johns Hopkins University
Dynamic regulation of Shank3 and ASD	$616,945	Q2.Other	Johns Hopkins University
4/5-Randomized Trial of Parent Training for Young Children with Autism	$226,275	Q4.S.D	Johns Hopkins University
Prenatal and Neonatal Biologic Markers for Autism	$784,863	Q3.S.C	KAISER FOUNDATION RESEARCH INSTITUTE
Functional analysis of the Schizophrenia and Autism Spectrum Disorder gene TCF4 i	$457,500	Q4.S.B	LIEBER INSTITUTE, INC.
Functional connectivity substrates of social and non-social deficits in ASD	$698,074	Q2.Other	Massachusetts General Hospital
MicroRNAs in Synaptic Plasticity and Behaviors Relevant to Autism	$131,220	Q2.S.D	Massachusetts General Hospital
Neuroimaging genetics to study social cognitive deficits in ASD and schizophrenia	$118,665	Q2.S.G	Massachusetts General Hospital
The genomic bridge project (GBP)	$152,352	Q2.S.G	Massachusetts General Hospital
Complex Genetic Architecture of Chromosomal Aberrations in Autism	$248,999	Q3.L.B	Massachusetts General Hospital
In utero antidepressant exposures and risk for autism	$348,000	Q3.S.H	Massachusetts General Hospital
Behavioral and Neural Response to Memantine in Adolescents with Autism	$186,192	Q4.S.F	Massachusetts General Hospital
Using Drosophila to Characterize the Molecular Pathogenesis of Autism	$195,000	Q2.Other	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Shank3 in Synaptic Function and Autism	$401,250	Q2.Other	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Brain Bases of Language Deficits in SLI and ASD	$614,180	Q2.Other	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Impairments of Theory of Mind disrupt patterns of brain activity	$321,000	Q2.Other	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Behavioral, fMRI, and Anatomical MRI Investigations of Attention in Autism	$53,282	Q2.Other	MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Project Title	Funding	Strategic Plan Objective	Institution
The effect of maternal obesity and inflammation on neuronal and microglial functi	$78,250	Q2.S.A	MAYO CLINIC JACKSONVILLE
Protein Interaction Network Analysis to Test the Synaptic Hypothesis of Autism	$90,000	Q2.Other	MAYO CLINIC ROCHESTER
Autism Spectrum Disorder: Birth Cohort 1976-2000, Epidemiology and Adult Status	$658,460	Q6.Other	MAYO CLINIC ROCHESTER
Analysis of MEF2 in Cortical Connectivity and Autism-Associated Behaviors	$53,282	Q2.S.D	MCLEAN HOSPITAL
Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)	$630,554	Q4.S.F	MEDICAL UNIVERSITY OF SOUTH CAROLINA
Time Perception and Timed Performance in Autism	$227,487	Q2.Other	Michigan State University
Clinical and Behavioral Phenotyping of Autism and Related Disorders	$1,820,672	Q1.L.B	National Institutes of Health
PEDIATRIC BRAIN IMAGING	$1,857,911	Q2.L.A	National Institutes of Health
ANALYSIS OF CORTICAL FUNCTION	$198,706	Q2.Other	National Institutes of Health
Learning and plasticity in the human brain	$409,567	Q2.Other	National Institutes of Health
FUNCTIONAL ANATOMY OF FACE PROCESSING IN THE PRIMATE BRAIN	$1,678,442	Q2.Other	National Institutes of Health
The Cognitive Neuroscience of Autism Spectrum Disorders	$1,032,186	Q2.Other	National Institutes of Health
Functional and Structural Optical Brain Imaging	$634,153	Q2.Other	National Institutes of Health
Dysregulation of Protein Synthesis in Fragile X Syndrome	$1,060,826	Q2.S.D	National Institutes of Health
Treatment of Medical Conditions among Individuals with Autism Spectrum Disorders	$496,547	Q2.S.E	National Institutes of Health
Neuroendocrine Regulation of Metabolism and Neurocognition	$211,825	Q2.S.E	National Institutes of Health
Neuroimmunologic Investigations of Autism Spectrum Disorders (ASD)	$165,516	Q2.S.F	National Institutes of Health
Genetic Epidemiology of Complex Traits	$808,519	Q3.L.B	National Institutes of Health
DEVELOPING NEW STATISICAL METHODS TO DETECT RARE VARIANTS INVOLVED IN NEUROPSYCHIATRIC DISORDERS	$497,683	Q3.L.B	National Institutes of Health
Regulation of Neuroligins and Effects on Synapse Number and Function	$759,674	Q4.S.B	National Institutes of Health
Studies of genetic and metabolic disorders, autism and premature aging	$157,328	Q4.S.B	National Institutes of Health
Roles of Oxytocin and Vasopressin in Brain	$1,947,833	Q4.S.B	National Institutes of Health
OFFICE OF THE SCIENTIFIC DIRECTOR	$9,848,772	Q7.Other	National Institutes of Health

Project Title	Funding	Strategic Plan Objective	Institution
NRI: Music-based Interactive Robotic Orchestration for Children with ASD	$219,008	Q4.Other	NEW YORK INST OF TECHNOLOGY
Divergent biases for conspecifics as early markers for Autism Spectum Disorders	$242,653	Q1.L.A	New York University
Striatal Specific Alterations in Translation, Synaptic Function, and Behavior in	$81,581	Q2.Other	New York University
Validity and Reliability of New Standard for Resting fMRI Data	$84,750	Q2.Other	New York University
Intrinsic Brain Architecture of Young Children with Autism While Awake and Asleep	$254,250	Q2.Other	New York University
Translation, Synchrony, and Cognition	$376,430	Q2.S.D	New York University
The flexibility of individuation and ensemble representation	$51,530	Q2.Other	NORTHWESTERN UNIVERSITY
Understanding the Role of Epac2 in Cognitive Function	$47,676	Q2.Other	NORTHWESTERN UNIVERSITY
A Family-Genetic Study of Autism and Fragile X Syndrome	$632,570	Q2.S.D	NORTHWESTERN UNIVERSITY
A Family-Genetic Study of Language in Autism	$320,687	Q2.S.G	NORTHWESTERN UNIVERSITY
Mechanisms of stress-enhanced aversive conditioning	$381,250	Q4.S.B	NORTHWESTERN UNIVERSITY
2/5-Randomized Trial of Parent Training for Young Children with Autism	$244,127	Q4.S.D	OHIO STATE UNIVERSITY
SUPPORT THE ONGOING OPERATIONS OF THE NATIONAL DATABASE FOR AUTISM RESEARCH - NDAR	$5,100,181	Q7.H	OMNITEC SOLUTIONS, INC
Reducing Barriers to Autism Care in Latino Children	$179,521	Q1.S.C	Oregon Health & Science University
Computational characterization of language use in autism spectrum disorder	$712,942	Q2.Other	Oregon Health & Science University
Characterizing mechanistic heterogeneity across ADHD and Autism	$140,305	Q2.Other	Oregon Health & Science University
Characterizing mechanistic heterogeneity across ADHD and Autism	$561,952	Q2.Other	Oregon Health & Science University
Vicarious Neural Activity, Genetic Differences and Social Fear Learning	$56,978	Q4.S.B	Oregon Health & Science University
Computational tools to analyze SNP data from patients with mental illness	$120,877	Q3.L.B	PARTEK, INC.
Computational tools to analyze SNP data from patients with mental illness	$586,065	Q7.Other	PARTEK, INC.
The Effects of State and Federal Insurance Policies on Quality of Care for Autism	$424,128	Q5.S.A	Pennsylvania State University
Do Access Barriers to Autism Care Persist Despite Autism Insurance Mandate?	$246,773	Q5.S.A	Pennsylvania State University
Developmental Disabilities Dentistry Online	$494,281	Q5.L.E	PRAXIS, INC.

Project Title	Funding	Strategic Plan Objective	Institution
Statistical Methods for Ultrahigh-dimensional Biomedical Data	$308,918	Q2.Other	PRINCETON UNIVERSITY
Controlling Interareal Gamma Coherence by Optogenetics, Pharmacology and Behavior	$250,152	Q2.Other	PRINCETON UNIVERSITY
Imaging adaptive cerebellar processing at cellular resolution in awake mice	$428,215	Q2.Other	PRINCETON UNIVERSITY
A Model Integrated Data Management System for Multi-Disciplinary Autism Research	$348,709	Q7.H	PROMETHEUS RESEARCH, LLC
Self-Regulation and Sleep in Children At Risk for Autism Spectrum Disorders	$244,724	Q2.S.E	PURDUE UNIVERSITY
Supported Employment, Cognitive Enhancement, Social Skills Program for ASD Adult	$281,112	Q6.L.A	Rady Children's Hospital Health Center
Timed mRNA translation events in neocortical development and neurodevelopmental disorders	$39,276	Q2.Other	RBHS-ROBERT WOOD JOHNSON MEDICAL SCHOOL
Caspr2 as an autism candidate gene: a proteomic approach to function & structure.	$318,000	Q2.Other	RBHS-ROBERT WOOD JOHNSON MEDICAL SCHOOL
The role of the epigenetic regulator Brd4 in neuronal function and autism	$51,530	Q3.S.J	ROCKEFELLER UNIVERSITY
Identification of TSC cellular phenotypes using patient-derived iPSCs	$229,322	Q2.S.D	Rutgers University
Neuroactive Steroid GABAA Receptor Positive Modulators for Fragile X Syndrome	$62,748	Q2.S.D	SAGE THERAPEUTICS, INC.
Salivary oxytocin as a biomarker for autism spectrum disorder	$224,875	Q1.L.A	SALIMETRICS, LLC
Dissecting neural mechanisms integrating multiple inputs in C. elegans	$453,240	Q2.Other	SALK INSTITUTE FOR BIOLOGICAL STUDIES
FMRI and EEG approaches to the resting state in ASD	$240,042	Q2.Other	SAN DIEGO STATE UNIVERSITY
Integrity and Dynamic Processing Efficiency of Networks in ASD	$763,675	Q2.Other	SAN DIEGO STATE UNIVERSITY
Multimodal Imaging of Social Brain Networks in ASD	$150,471	Q2.Other	SAN DIEGO STATE UNIVERSITY
Developing the Autism Model of Implementation for ASD Community Providers	$185,327	Q5.L.A	SAN DIEGO STATE UNIVERSITY
Impact of SynGAP1 Mutations on Synapse Maturation and Cognitive Development	$614,568	Q2.Other	SCRIPPS FLORIDA
Eyeblink conditioning in school-aged children with ASD	$597,024	Q1.L.A	SEATTLE CHILDREN'S HOSPITAL
Physiology of Attention and Regulation in Children with ASD and LD	$332,586	Q2.Other	SEATTLE CHILDREN'S HOSPITAL
Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	$657,501	Q2.S.G	SLOAN-KETTERING INST CAN RESEARCH
Neurobiological signatures of perception and imitation of AV speech in children w	$467,562	Q2.Other	SOUTHERN CONNECTICUT STATE UNIVERSITY

Project Title	Funding	Strategic Plan Objective	Institution
A monkey model of naturally occurring low sociability	$229,288	Q1.Other	Stanford University
Solid-state patch clamp platform to diagnose autism and screen for effective drug	$230,339	Q1.S.A	Stanford University
PHENOTYPING ASTROCYTES IN HUMAN NEURODEVELOPMENTAL DISORDERS	$386,750	Q2.Other	Stanford University
Decoding Neural Systems Underlying Affective Prosody in Children with Autism	$176,164	Q2.Other	Stanford University
Role of Neurexin in Synapse Formation and Maintenance	$56,978	Q2.Other	Stanford University
Investigating role of neurexin-1 mutation in autism using human induced neurons	$53,282	Q2.Other	Stanford University
Brain Systems Supporting Learning and Memory in Children with Autism	$172,797	Q2.Other	Stanford University
Mathematical Cognition in Autism: A Cognitive and Systems Neuroscience Approach	$623,389	Q2.Other	Stanford University
Frontostriatal Synaptic Dysfunction in a Model of Autism	$55,094	Q2.Other	Stanford University
Function of Neurexins	$488,615	Q2.Other	Stanford University
GABRB3 and Placental Vulnerability in ASD	$582,482	Q2.S.A	Stanford University
Longitudinal MRI Study of Brain Development in Fragile X	$773,954	Q2.S.D	Stanford University
Revealing protein synthesis defects in Fragile X Syndrome with new chemical tools	$347,427	Q2.S.D	Stanford University
Investigating the role of Tsc1 in neocortical circuit assembly	$47,114	Q2.S.D	Stanford University
Characterizing the genetic systems of autism through multi-disease analysis	$498,198	Q2.S.G	Stanford University
The role of vasopressin in the social deficits of autism	$196,250	Q4.L.A	Stanford University
Pivotal Response Treatment Package for Young Children with Autism	$240,750	Q4.S.C	Stanford University
The neurophysiology of sensory processing and multisensory integration in ASD	$393,813	Q2.Other	SYRACUSE UNIVERSITY
3/3 Treatment of anxiety in autism spectrum disorder	$189,711	Q4.S.A	TEMPLE UNIV OF THE COMMONWEALTH
Improving Accuracy and Accessibility of Early Autism Screening	$796,039	Q1.S.B	TOTAL CHILD HEALTH, INC.
Comparative Effectiveness of Developmental-Behavioral Screening Instruments	$639,561	Q1.S.B	Tufts University
MeCP2 Modulation of BDNF Signaling: Shared Mechanisms of Rett and Autism	$371,057	Q2.S.D	UNIVERSITY OF ALABAMA AT BIRMINGHAM
Reversing BDNF Impairments in Rett Mice with TRPC Channel Activators	$142,398	Q4.S.B	UNIVERSITY OF ALABAMA AT BIRMINGHAM

Project Title	Funding	Strategic Plan Objective	Institution
Met Signaling in Neural Development and Circuitry Formation	$238,640	Q2.Other	UNIVERSITY OF ARIZONA
Mapping Clinical Outcomes to Preference-based Measures from the NDAR Database	$74,500	Q5.L.B	University of Arkansas
Inhibitory mechanisms for sensory map plasticity in cerebral cortex.	$323,873	Q2.Other	University of California, Berkeley
Neural Mechanisms of Tactile Sensation in Rodent Somatosensory Cortex	$251,860	Q2.Other	University of California, Berkeley
Neurobehavioral Analysis Core	$122,509	Q1.S.B	University of California, Davis
Development of a Prospective Video-Based Measure to Identify ASD Risk in Infancy	$478,021	Q1.S.B	University of California, Davis
Predictors of Cognitive Development in Autism Spectrum Disorder	$557,566	Q2.L.A	University of California, Davis
Project 4: Calcium Signaling Defects in Autism (Pessah/Lein)	$107,377	Q2.Other	University of California, Davis
Cellular Density and Morphology in the Autistic Temporal Human Cerebral Cortex	$366,427	Q2.Other	University of California, Davis
Axonal Ultrastructure of Temporal White Matter in Autism	$77,750	Q2.Other	University of California, Davis
Typical and Pathological Cellular Development of the Human Amygdala	$385,000	Q2.Other	University of California, Davis
Project 3: Immune Environment Interaction and Neurodevelopment	$107,727	Q2.S.A	University of California, Davis
Neural Phenotypes of Females with Autism Spectrum Disorder	$690,279	Q2.S.B	University of California, Davis
Genotype-Phenotype Relationships in Fragile X Families	$564,704	Q2.S.D	University of California, Davis
Genotype-Phenotype Relationships in Fragile X Families	$55,440	Q2.S.D	University of California, Davis
THE ROLE OF MECP2 IN RETT SYNDROME	$353,130	Q2.S.D	University of California, Davis
THE ROLE OF MECP2 IN RETT SYNDROME	$100,000	Q2.S.D	University of California, Davis
Language Development in Fragile X Syndrome	$516,736	Q2.S.D	University of California, Davis
Project 1: Epidemiology and the Environment in Autism (Hertz-Picciotto)	$143,217	Q3.L.D	University of California, Davis
Autism Risk, Prenatal Environmental Exposures, and Pathophysiologic Markers	$1,793,611	Q3.S.C	University of California, Davis
THE CHARGE STUDY: CHILDHOOD AUTISM RISKS FROM GENETICS AND THE ENVIRONMENT	$212,604	Q3.S.C	University of California, Davis
THE CHARGE STUDY: CHILDHOOD AUTISM RISKS FROM GENETICS AND THE ENVIRONMENT	$1,114,894	Q3.S.C	University of California, Davis
Organophosphorus pesticides interact with ASD-linked neuroligins to alter synapto	$55,094	Q3.S.F	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Gestational Metabolic Conditions and Autism	$74,844	Q3.S.H	University of California, Davis
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	$30,731	Q3.S.J	University of California, Davis
Exploring Interactions between Folate and Environmental Risk Factors for Autism	$118,717	Q3.S.J	University of California, Davis
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	$341,921	Q3.S.J	University of California, Davis
Project 2: Perinatal Epigenetic Signature of Environmental Exposure	$103,544	Q3.S.J	University of California, Davis
PCBs interact with mTOR signaling to disrupt neuronal connectivity in zebrafish	$53,282	Q3.S.K	University of California, Davis
Effects of Chronic Intranasal Oxytocin	$125,448	Q4.S.B	University of California, Davis
Effects of Chronic Intranasal Oxytocin	$1,103,903	Q4.S.B	University of California, Davis
Intervention effects of intensity and delivery style for toddlers with ASD	$2,686,558	Q4.S.D	University of California, Davis
Biological Analysis Core	$118,217	Q7.J	University of California, Davis
Interdisciplinary Training for Autism Researchers	$285,762	Q7.K	University of California, Davis
Facility Core: Analytical and Environmental Chemistry	$109,403	Q7.Other	University of California, Davis
Administrative Core/Leadership	$89,231	Q7.Other	University of California, Davis
BDNF and the Restoration of Synaptic Plasticity in Fragile X and Autism	$453,289	Q2.S.D	University of California, Irvine
Cortactin and Spine Dysfunction in Fragile X	$33,319	Q2.S.D	University of California, Irvine
Predicting the Decline of Social Attention in Infants at Risk for Autism	$178,128	Q1.L.A	University of California, Los Angeles
Neural assays and longitudinal assessment of infants at very high risk for ASD	$179,232	Q1.L.A	University of California, Los Angeles
Neural Predictors of Language Function After Intervention in Children with Autism	$181,307	Q1.L.B	University of California, Los Angeles
Optogenetic treatment of social behavior in autism	$385,000	Q2.Other	University of California, Los Angeles
Cytoplasmic Functions of Rbfox1, a Candidate Autism Gene	$192,500	Q2.Other	University of California, Los Angeles
Transcriptional Regulators in Normal Human Brain Development and Autism	$34,216	Q2.Other	University of California, Los Angeles
Genetic and genomic analyses to connect genes to brain to cognition in ASD	$247,228	Q2.S.G	University of California, Los Angeles
Neuroimaging signatures of autism: Linking brain function to genes and behavior	$184,134	Q2.S.G	University of California, Los Angeles
Parental Age and Schizophrenia Susceptibility	$115,500	Q3.L.D	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
Gene-brain-environment interactions: Predicting social skill heterogeneity in ASD	$49,850	Q3.Other	University of California, Los Angeles
Rapid Phenotyping for Rare Variant Discovery in Autism	$589,746	Q3.S.A	University of California, Los Angeles
Autism Genetics, Phase II: Increasing Representation of Human Diversity	$2,728,166	Q3.S.D	University of California, Los Angeles
Pesticide Exposure and Childhood Autism	$184,503	Q3.S.F	University of California, Los Angeles
Epigenetic and Transcriptional Dysregulation in Autism Spectrum Disorder	$531,208	Q3.S.J	University of California, Los Angeles
Augmenting language interventions for ASD: A translational approach	$274,364	Q4.L.A	University of California, Los Angeles
Targeting joint engagement in infants at risk for ASD: Integrating treatment wit	$274,972	Q4.L.B	University of California, Los Angeles
Fast Fail Trials in Autism Spectrum Disorders (FAST-AS)	$6,092,360	Q4.Other	University of California, Los Angeles
New Experimental Medicine Studies: Fast-Fail Trials in Autism Spectrum Disorders	$306,043	Q4.Other	University of California, Los Angeles
Treatment of Autism Symptoms in Children (TASC): Initial RCT with Active Control	$385,000	Q4.Other	University of California, Los Angeles
1/3 Treatment of Anxiety in Autism Spectrum Disorder	$223,685	Q4.S.A	University of California, Los Angeles
Sensory Over Responsivity & Anxiety in Youth with Autism	$25,658	Q4.S.C	University of California, Los Angeles
Adaptive Interventions for Minimally Verbal Children with ASD in the Community	$2,563,341	Q4.S.G	University of California, Los Angeles
Research education and training	$225,713	Q7.K	University of California, Los Angeles
Diagnostic and recruitment	$230,497	Q7.Other	University of California, Los Angeles
Neuroimaging/Neurophysiology	$186,646	Q7.Other	University of California, Los Angeles
Administrative Core	$204,280	Q7.Other	University of California, Los Angeles
Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	$413,188	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Variation in Neuroligin Concentration and Presynaptic Functional Development	$196,979	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Dissecting Epistasis and Pleiotropy in Autism towards Personalized Medicine	$83,334	Q2.S.G	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
4/4 The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	$674,849	Q3.S.A	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Early Identification of ASD: Translating Eye Tracking into Practice	$375,283	Q1.S.B	UNIVERSITY OF CALIFORNIA SAN DIEGO
DETECTION OF ASD AT THE 1ST BIRTHDAY AS STANDARD OF CARE: THE GET SET EARLY MODEL	$1,099,280	Q1.S.D	UNIVERSITY OF CALIFORNIA SAN DIEGO

Project Title	Funding	Strategic Plan Objective	Institution
Protein network of high risk copy number variants for psychiatric disorders	$227,135	Q2.Other	UNIVERSITY OF CALIFORNIA SAN DIEGO
Identification of genetic pathways that regulate neuronal circuits in C. elegans	$51,530	Q2.Other	UNIVERSITY OF CALIFORNIA SAN DIEGO
A computational framework for predicting the impact of mutations in autism	$533,354	Q2.S.G	UNIVERSITY OF CALIFORNIA SAN DIEGO
The Role of Germline Mutation and Parental Age in Autism Spectrum Disorders	$184,715	Q3.S.C	UNIVERSITY OF CALIFORNIA SAN DIEGO
The Role of Germline Mutation and Parental Age in Autism Spectrum Disorders	$747,236	Q3.S.C	UNIVERSITY OF CALIFORNIA SAN DIEGO
Wireless EEG System for Training Attention and Eye Movement in ASD	$307,351	Q4.Other	UNIVERSITY OF CALIFORNIA SAN DIEGO
Effectiveness and Implementation of a Mental Health Intervention for ASD	$68,868	Q5.L.A	UNIVERSITY OF CALIFORNIA SAN DIEGO
Optimization of Fidelity Procedures for Pivotal Response Training in Autism	$286,767	Q5.L.A	UNIVERSITY OF CALIFORNIA SAN DIEGO
Effectiveness and Implementation of a Mental Health Intervention for ASD	$626,517	Q5.L.A	UNIVERSITY OF CALIFORNIA SAN DIEGO
Translating OCD GWAS findings into mice: identifying epistatic modifiers of BTBD3	$237,000	Q2.S.E	UNIVERSITY OF CHICAGO
Molecular mechanisms linking early life seizures, autism and intellectual disabil	$326,289	Q2.S.E	University of Colorado, Denver
Project 2: The impact of assisted reproductive technologies on the long-term epi	$266,000	Q3.S.J	UNIVERSITY OF HAWAII AT MANOA
Wnt modulation as a treatment for Autism Spectrum Disorders	$222,318	Q2.Other	UNIVERSITY OF IOWA
Molecular Dissection of Calmodulin Domain Functions	$321,473	Q2.Other	UNIVERSITY OF IOWA
Peer-Mediated AAC Intervention for Children with Autism: Effects on Communication	$308,485	Q4.S.G	University of Kansas
Modifiable Behavior & Dietary Predictors of Overweight in Children with ASD	$239,465	Q4.S.H	University of Kansas
Improving Transition Outcomes in ASD using COMPASS	$234,684	Q6.L.C	University of Kentucky
A neural model of fronto-parietal mirror neuron system dynamics	$185,646	Q2.Other	University of Maryland
Prostaglandins and Cerebellum Development	$371,250	Q2.S.A	University of Maryland
Foxp2 regulation of sex specific transcriptional pathways and brain development	$88,128	Q2.S.B	University of Maryland
Mechanisms of Valproic Acid-Induced Neurodevelopmental and Behavioral Defects	$309,594	Q3.S.J	University of Maryland
Addressing systemic health disparities in early ASD identification and treatment	$813,085	Q1.S.C	University of Massachusetts, Boston

Project Title	Funding	Strategic Plan Objective	Institution
Functional analysis of Neuroligin-Neurexin interactions in synaptic transmission	$336,875	Q2.Other	University of Massachusetts, Worcester
Atypical Effects of Reinforcement Procedures in ASD	$203,513	Q4.Other	University of Massachusetts, Worcester
Contingency Analyses of Observing and Attending in Intellectual Disabilities	$268,224	Q4.S.G	University of Massachusetts, Worcester
Structural and Functional Connectivity of Large-Scale Brain Networks in Autism	$112,748	Q2.Other	University of Miami
Stable Zebrafish Models of Autism Spectrum Disorder	$75,250	Q4.S.B	University of Miami
Novel candidate mechanisms of fragile X syndrome	$248,873	Q2.S.D	UNIVERSITY OF MICHIGAN
The Autism Impact Measure: A New Tool for Treatment Outcome Measurement	$1,283,153	Q1.L.B	University of Missouri
Evaluation of pupillary light reflex as biomarker of neurodevelopmental disorder	$182,537	Q1.S.A	University of Missouri
Development of postural control variability and preferential looking behavior in	$189,814	Q1.L.A	University of Nebraska
Mechanisms of Motor Skill Learning in the Fragile X Mouse Model	$299,510	Q2.S.D	University of Nebraska
Restricted Repetitive Behavior in Autism	$418,741	Q1.L.B	University of North Carolina
A Longitudinal MRI Study of Infants at Risk for Autism	$2,429,945	Q2.L.A	University of North Carolina
Neural Circuits That Regulate Social Motivation in Autism	$146,325	Q2.Other	University of North Carolina
The Elongation Hypothesis of Autism	$752,400	Q2.Other	University of North Carolina
A Longitudinal MRI Study of Brain Development in Fragile X Syndrome	$548,356	Q2.S.D	University of North Carolina
Role of UBE3A in the Central Nervous System	$321,269	Q2.S.D	University of North Carolina
Genome-wide Identification of Variants Affecting Early Human Brain Development	$413,630	Q2.S.G	University of North Carolina
Effects of advanced paternal age on germline genome stability	$33,035	Q3.S.K	University of North Carolina
Study of Oxytocin in Autism to Improve Reciprocal Social Behaviors (SOARS-B)	$2,562,872	Q4.L.A	University of North Carolina
Brain Imaging Markers of Response to Intervention in Toddlers with Autism	$141,759	Q4.S.F	University of North Carolina
Quantifiable markers of ASD via multivariate MEG-DTI combination	$202,233	Q2.L.B	UNIVERSITY OF PENNSYLVANIA
Novel computational methods for higher order diffusion MRI in autism	$626,233	Q2.Other	UNIVERSITY OF PENNSYLVANIA
Magnetoencephalographic studies of lexical processing and abstraction in autism	$306,974	Q2.Other	UNIVERSITY OF PENNSYLVANIA

Project Title	Funding	Strategic Plan Objective	Institution
Autoimmunity Against Novel Antigens in Neuropsychiatric Dysfunction	$320,000	Q2.S.A	UNIVERSITY OF PENNSYLVANIA
Early Life Seizures Disrupt Critical Period Plasticity	$2,237	Q2.S.E	UNIVERSITY OF PENNSYLVANIA
Early Life Seizures Disrupt Critical Period Plasticity	$409,568	Q2.S.E	UNIVERSITY OF PENNSYLVANIA
3/3-Sequencing Autism Spectrum Disorder Extended Pedigrees	$160,000	Q3.L.B	UNIVERSITY OF PENNSYLVANIA
Services to enhance social functioning in adults with autism spectrum disorder	$289,835	Q5.L.A	UNIVERSITY OF PENNSYLVANIA
Partners in Schools: A Program for Parents and Teachers of Children with Autism	$51,530	Q5.L.A	UNIVERSITY OF PENNSYLVANIA
Staff and School Factors Affecting Implementation of ASD Interventions in Schools	$177,763	Q5.L.A	UNIVERSITY OF PENNSYLVANIA
Evaluating the Effects of Autism Insurance Mandates	$647,583	Q5.Other	UNIVERSITY OF PENNSYLVANIA
Clinical algorithm for identifying adult autism	$240,000	Q6.S.C	UNIVERSITY OF PENNSYLVANIA
Early Social and Emotional Development in Toddlers at Genetic Risk for Autism	$368,827	Q1.L.A	University of Pittsburgh
Change-sensitive Measurement of Emotion Dysregulation in ASD	$458,586	Q1.Other	University of Pittsburgh
Cognitive Control of Emotion in Autism	$101,348	Q2.Other	University of Pittsburgh
3/4 - The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	$263,975	Q3.S.A	University of Pittsburgh
1/2 Treatment of Feeding Problems in Children with Autism	$229,121	Q4.S.A	University of Pittsburgh
5/5-Randomized Trial of Parent Training for Young Children with Autism	$236,223	Q4.S.D	University of Pittsburgh
Engrailed targets and the control of synaptic circuits in Drosophila	$371,250	Q2.Other	UNIVERSITY OF PUERTO RICO MED SCIENCES
AUDITORY AND INTEGRATIVE FUNCTIONS OF THE PREFRONTAL CORTEX	$393,700	Q2.Other	University of Rochester
Is Jaundice in Premature Infants a Risk Factor for Autism?	$191,875	Q3.S.H	University of Rochester
2/2-Treatment of Feeding Problems in Children with Autism	$229,662	Q4.S.A	UNIVERSITY OF ROCHESTER
3/5-Randomized Trial of Parent Training for Young Children with Autism	$217,449	Q4.S.D	UNIVERSITY OF ROCHESTER
Predicting Autism through Behavioral and Biomarkers of Attention in Infants	$26,400	Q1.L.A	UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA
Emergence and Stability of Autism in Fragile X Syndrome	$358,000	Q2.S.D	UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA
Profiles and Predictors of Pragmatic Language Impairments in the FMR1 Premutation	$53,132	Q2.S.D	UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA

Project Title	Funding	Strategic Plan Objective	Institution
Biology of Non-Coding RNAs Associated with Psychiatric Disorders	$415,143	Q2.Other	UNIVERSITY OF SOUTHERN CALIFORNIA
Non-Coding RNAs in Autism	$205,365	Q3.Other	UNIVERSITY OF SOUTHERN CALIFORNIA
Prospective Evaluation of Air Pollution, Cognition, and Autism from Birth Onward	$545,679	Q3.S.H	UNIVERSITY OF SOUTHERN CALIFORNIA
Gene by Environment Influences on Forebrain Development	$29,056	Q3.S.K	UNIVERSITY OF SOUTHERN CALIFORNIA
2/3 Treatment of Anxiety in Autism Spectrum Disorder	$158,738	Q4.S.A	UNIVERSITY OF SOUTH FLORIDA
Social Cognitive Profiles of Autism and Schizophrenia	$439,762	Q2.Other	UNIVERSITY OF TEXAS DALLAS
Animal Model of Speech Sound Processing in Autism	$251,777	Q4.S.B	UNIVERSITY OF TEXAS DALLAS
Prenatal Timing of Heavy Metal Exposures from Autistic and Non-Autistic Children	$231,692	Q3.S.B	University of Texas Health Science Center, San Antonio
Epidemiological Research on Autism in Jamaica - Phase II	$564,795	Q3.S.H	UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON
Molecular mechanisms of the synaptic organizer alpha-neurexin	$388,750	Q2.Other	UNIVERSITY OF TEXAS MEDICAL BR GALVESTON
DEVELOPMENT OF FACE PROCESSING EXPERTISE	$354,267	Q2.Other	UNIVERSITY OF TORONTO
Longitudinal Characterization of Functional Connectivity in Autism	$182,352	Q2.L.A	University of Utah
Brain Network Development in Normal and Autistic Children	$187,164	Q2.Other	University of Utah
Multiscale Genetic Connectivity of Primate Social Circuits	$735,023	Q2.Other	University of Utah
1/3 - Sequencing Autism Spectrum Disorder Extended Pedigrees	$298,000	Q3.L.B	University of Utah
UBR7 is a novel chromatin directed E3 ubiquitin ligase	$194,545	Q2.Other	UNIVERSITY OF VIRGINIA
Molecular Mechanisms of Atypical Habituation in Autism Spectrum Disorders	$474,949	Q1.L.A	University of Washington
A Screen-Refer-Treat (SRT) Model to Promote Earlier Access to ASD Intervention	$849,173	Q1.S.B	University of Washington
Development and afferent regulation of auditory neurons	$386,250	Q2.S.D	University of Washington
Phenotypic Characterization of Gene Disrupting Mutations in ASD	$463,336	Q2.S.G	University of Washington
Next Generation Gene Discovery in Familial Autism	$653,540	Q3.L.B	University of Washington
2/3 Sequencing Autism Spectrum Disorder Extended Pedigrees	$231,750	Q3.L.B	University of Washington
The genetic basis underlying the phenotype heterogeneity of the 16p11.2 CNV	$37,550	Q3.S.A	University of Washington
Sporadic Mutations and Autism Spectrum Disorders	$647,900	Q3.S.A	University of Washington

Project Title	Funding	Strategic Plan Objective	Institution
Preschool Reading and Language Interventions for Children with Autism	$321,228	Q4.L.D	University of Washington
Statistical Word Learning in Children with Language Disorders	$29,799	Q2.Other	University of Wisconsin
Characterizing Lexical Processing in Toddlers with Autism Spectrum Disorders	$553,221	Q2.Other	University of Wisconsin
Executive Function in Children with Typical and Atypical Language Abilities	$564,177	Q2.Other	University of Wisconsin
Translational Regulation of Adult Neural Stem Cells	$372,621	Q2.S.D	University of Wisconsin
Biological Determinants of Brain Variation in Autism	$578,397	Q2.S.G	University of Wisconsin
In Vivo Function of Neuronal Activity-Induced MeCP2 phosphorylation	$284,524	Q3.S.J	University of Wisconsin
Testing Direct Effects of Soy Daidzein on Fragile X Phenotypes	$73,143	Q4.S.C	University of Wisconsin
Family Outcomes in Autism Spectrum Disorders	$399,276	Q5.Other	University of Wisconsin
Multi-family Group Psychoeducation for Young Adults with ASD	$188,125	Q6.L.A	University of Wisconsin
Research Participation Core	$271,420	Q7.Other	University of Wisconsin
Disruption of Reelin biosynthesis by de novo missense mutations found in aut	$33,059	Q2.Other	UPSTATE MEDICAL UNIVERSITY
Electrophysiological Correlates of Cognitive Control in Autism	$128,277	Q1.L.B	UT SOUTHWESTERN MEDICAL CENTER
Bidirectional Tyrosine Kinase Signaling	$614,042	Q2.Other	UT SOUTHWESTERN MEDICAL CENTER
Role of autism-associated chromatin remodeler Brg1 in neuronal development	$238,500	Q2.Other	UT SOUTHWESTERN MEDICAL CENTER
Motor Control and Cerebellar Maturation in Autism	$157,148	Q2.Other	UT SOUTHWESTERN MEDICAL CENTER
FMRP regulates the pruning of cell-to-cell connections in the neocortex	$79,500	Q2.S.D	UT SOUTHWESTERN MEDICAL CENTER
Role of MEF2 and neural activity in cortical synaptic weakening and elimination	$387,160	Q2.S.D	UT SOUTHWESTERN MEDICAL CENTER
Mechanisms of mGluR5 function and dysfunction in mouse autism models	$405,319	Q2.S.D	UT SOUTHWESTERN MEDICAL CENTER
Striatal synaptic Abnormalities in Models of Autism	$397,500	Q4.S.B	UT SOUTHWESTERN MEDICAL CENTER
Novel Genetic Models of Autism	$328,415	Q4.S.B	UT SOUTHWESTERN MEDICAL CENTER
Signaling mechanisms in cerebellar development and function	$494,324	Q2.Other	Vanderbilt University
Neurobehavioral Investigation of Tactile Features in Autism Spectrum Disorders	$162,562	Q2.Other	Vanderbilt University
Mapping Thalamocortical Networks Across Development in ASD	$195,834	Q2.Other	Vanderbilt University

Project Title	Funding	Strategic Plan Objective	Institution
Neural networks for attention to internal and external sensory cues in ASD	$374,510	Q2.Other	Vanderbilt University
Psychobiological investigation of the socioemotional functioning in autism	$347,490	Q2.Other	Vanderbilt University
Genetic and Developmental Analyses of Fragile X Mental Retardation Protein	$394,554	Q2.S.D	Vanderbilt University
Predicting Phenotypic Trajectories in Prader-Willi Syndrome	$302,050	Q2.S.D	Vanderbilt University
mTOR modulation of myelination	$179,659	Q2.S.D	Vanderbilt University
Autism Spectrum Disorders and Depression: Shared Mechanisms in Brain and Behavior	$160,115	Q2.S.E	Vanderbilt University
Efficacy of Parent-implemented Treatment in Infant Siblings of Children With ASD	$662,190	Q4.L.B	Vanderbilt University
NIH R21/R33: Transformative Co-Robotic Technology for Autism Intervention	$248,271	Q4.Other	Vanderbilt University
Peers, play and performance to improve social interaction in autism	$235,500	Q4.Other	Vanderbilt University
Adaptive Response Technology for Autism Spectrum Disorders Intervention	$373,849	Q4.Other	Vanderbilt University
Modeling The Serotonin Contribution to Autism Spectrum Disorders	$229,702	Q4.S.B	Vanderbilt University
Neurobiological Signatures of Social Dysfunction and Repetitive Behavior	$390,000	Q4.S.B	Vanderbilt University
Adapting a Parent Advocacy Program to Improve Transition for Youth With Autism	$274,750	Q6.L.A	Vanderbilt University
Risk and Resiliency for Youth With Autism During the Transition to Adulthood	$142,194	Q6.S.A	Vanderbilt University
CORE A: Administrative Services	$18,070	Q7.Other	Vanderbilt University
CORE D: Clinical Neuroscience Services	$43,285	Q7.Other	Vanderbilt University
CORE E: Participant Recruitment & Assessment Services	$127,161	Q7.Other	Vanderbilt University
Data Mining for Autism Endophenotypes in a Large Resting-State fMRI Repository	$77,062	Q1.L.B	VIRGINIA POLYTECHNIC INST AND ST UNIV
Neural Economics of Biological Substrates of Valuation	$379,913	Q1.L.C	VIRGINIA POLYTECHNIC INST AND ST UNIV
Development of a novel neurotechnology to promote emotion recognition in autism	$269,650	Q4.Other	VIRGINIA POLYTECHNIC INST AND ST UNIV
STEPS: Stepped Transition in Education Program for Students with ASD	$223,281	Q6.L.A	VIRGINIA POLYTECHNIC INST AND ST UNIV
Multimedia Tool for Psychology Graduate Student ASD Assessment Training	$445,256	Q1.S.A	VIRTUAL REALITY AIDS, INC.

Project Title	Funding	Strategic Plan Objective	Institution
Role of Draxin in Forebrain Connectivity and Complex Behaviors	$216,128	Q2.Other	WADSWORTH CENTER
fcMRI in Infants at High Risk for Autism	$539,308	Q1.L.A	Washington University in St. Louis
Early Quantitative Characterization of Reciprocal Social Behavior	$545,901	Q1.L.C	Washington University in St. Louis
An fMRI investigation of propagated intrinsic activity in early development and autism	$28,934	Q2.Other	Washington University in St. Louis
Children with autism spectrum disorders in developing countries	$5,000	Q7.J	WAYNE STATE UNIVERSITY
Regulation of SK2 channels by UBE3A	$425,708	Q2.Other	WESTERN UNIVERSITY OF HEALTH SCIENCES
Structural Polarity Influences Terminal Placement and Competition in Formation of the Calyx of Held	$32,270	Q2.Other	WEST VIRGINIA UNIVERSITY
Allelic Choice in Rett Syndrome	$390,481	Q2.S.D	WINIFRED MASTERSON BURKE MED RES INST
COMPONENTS OF EMOTIONAL PROCESSING IN TODDLERS WITH ASD	$669,551	Q1.L.A	Yale University
Extraction of Functional Subnetworks in Autism Using Multimodal MRI	$356,327	Q1.L.B	Yale University
Development of Face Processing in Infants with Autism Spectrum Disorders	$409,613	Q1.L.B	Yale University
Functional Genomics of Human Brain Development	$1,338,015	Q2.Other	Yale University
Social Brain Networks for the Detection of Agents and Intentions	$416,250	Q2.Other	Yale University
Neural markers of shared gaze during simulated social interactions in ASD	$99,801	Q2.Other	Yale University
Neural markers of shared gaze during simulated social interactions in ASD	$416,250	Q2.Other	Yale University
Multimodal Developmental Neurogenetics of Females with ASD	$2,738,896	Q2.S.B	Yale University
The Roles of Environmental Risks and GEX in Increasing ASD Prevalence	$537,756	Q3.L.D	Yale University
Transcriptional and Epigenetic Signatures of Human Brain Development and Autism	$1,542,279	Q3.S.J	Yale University
Gaze Modification Strategies for Toddlers with ASD	$208,125	Q4.Other	Yale University
Functional Analysis of Rare Variants in Genes Associated with Autism	$146,625	Q4.S.B	Yale University